

FIG. 1

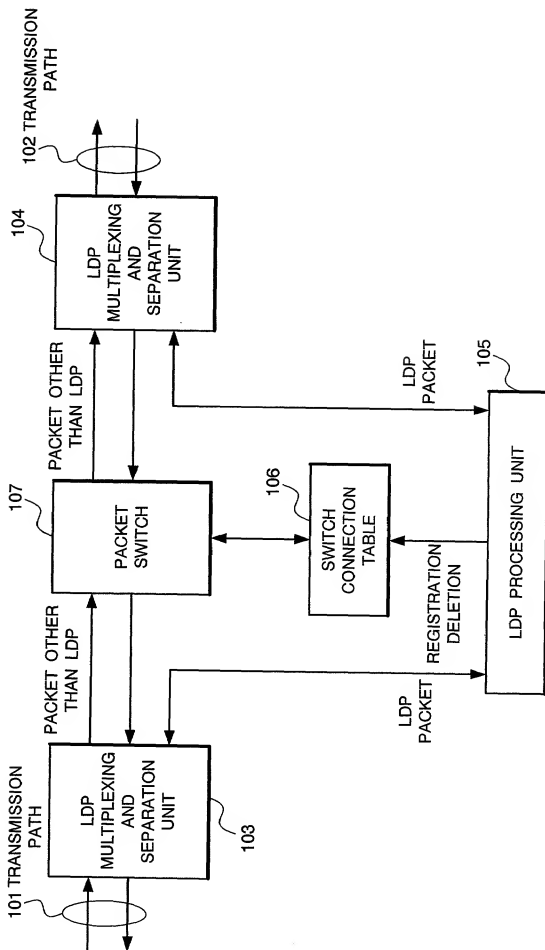


FIG. 2

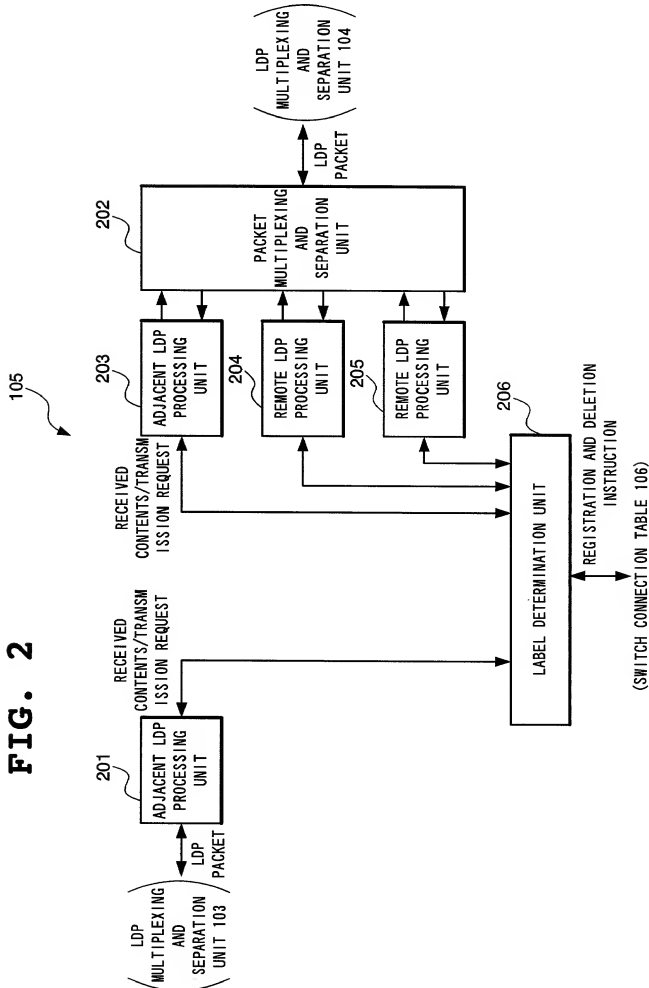


FIG. 3

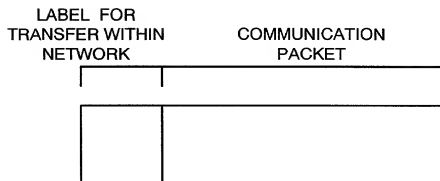
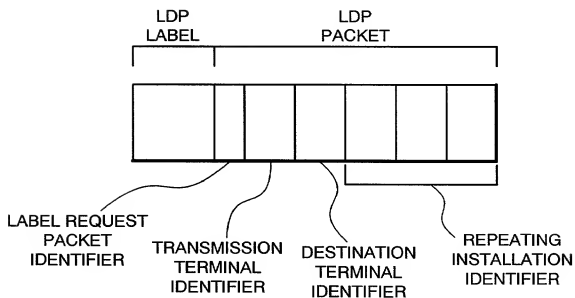
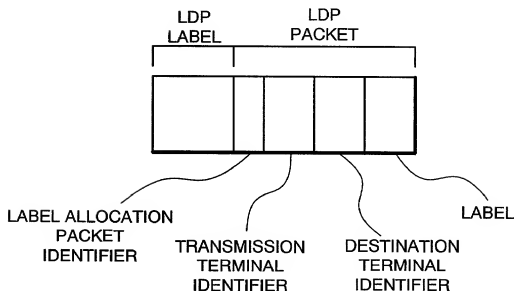


FIG. 4



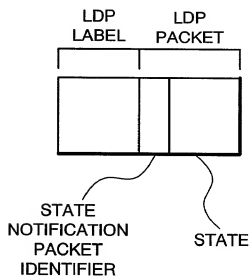
LABEL REQUEST PACKET

FIG. 5



LABEL ALLOCATION PACKET

FIG. 6



STATE NOTIFICATION PACKET

FIG. 7

	INPUT SIDE		OUTPUT SIDE	
	TRANSMISSION PATH	LABEL VALUE	TRANSMISSION PATH	LABEL VALUE
ENTRY 1	101	1	102	5
ENTRY 2	102	3	101	4

•
•
•

FIG. 8

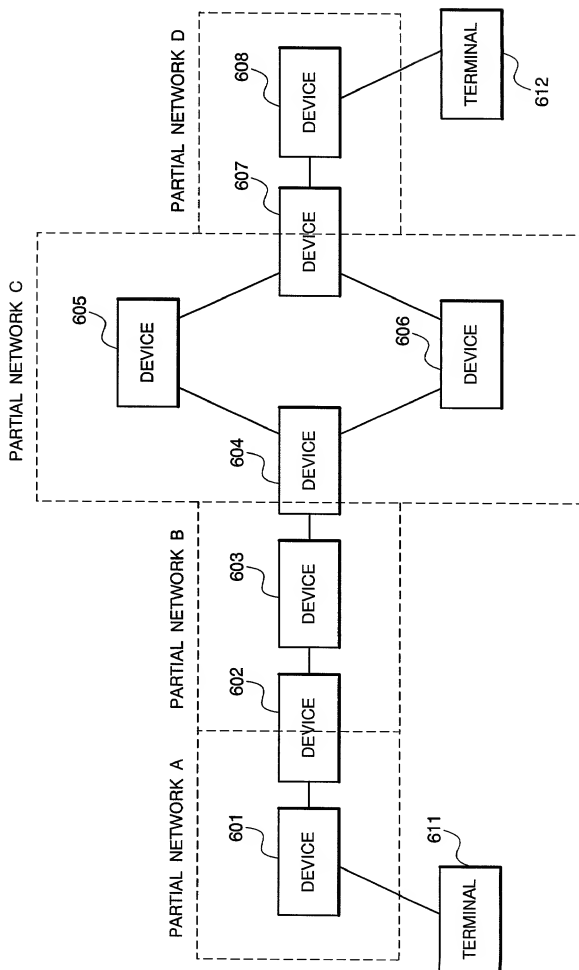


FIG. 9

DEVICE 603 SWITCH CONNECTION TABLE

	INPUT SIDE		OUTPUT SIDE	
	TRANSMISSION PATH	LABEL VALUE	TRANSMISSION PATH	LABEL VALUE
ENTRY 1	DEVICE 602 SIDE	0X01	DEVICE 604 SIDE	0X01
ENTRY 2	DEVICE 604 SIDE	0X01	DEVICE 602 SIDE	0X01
ENTRY 3	DEVICE 602 SIDE	0X02	DEVICE 604 SIDE	0X02
ENTRY 4	DEVICE 604 SIDE	0X02	DEVICE 602 SIDE	0X02

FIG. 10

DEVICE 604 SWITCH CONNECTION TABLE

	INPUT SIDE		OUTPUT SIDE	
	TRANSMISSION PATH	LABEL VALUE	TRANSMISSION PATH	LABEL VALUE
ENTRY 1	DEVICE 603 SIDE	0X02	DEVICE 605 SIDE	0X02
ENTRY 2	DEVICE 605 SIDE	0X02	DEVICE 603 SIDE	0X02

FIG. 11

DEVICE 605 SWITCH CONNECTION TABLE

	INPUT SIDE		OUTPUT SIDE	
	TRANSMISSION PATH	LABEL VALUE	TRANSMISSION PATH	LABEL VALUE
ENTRY 1	DEVICE 604 SIDE	0X02	DEVICE 607 SIDE	0X02
ENTRY 2	DEVICE 607 SIDE	0X02	DEVICE 604 SIDE	0X02

FIG. 12

DEVICE 601 SWITCH CONNECTION TABLE

	DESTINATION TERMINAL	TRANSMISSION TERMINAL	LABEL VALUE ON DEVICE 602 SIDE
ENTRY 1	TERMINAL 612	TERMINAL 611	0X00
.	.	.	.
.	.	.	.
.	.	.	.

FIG. 13

DEVICE 608 SWITCH CONNECTION TABLE

	DESTINATION TERMINAL	TRANSMISSION TERMINAL	LABEL VALUE ON DEVICE 607 SIDE
ENTRY 1	TERMINAL 612	TERMINAL 611	0X03
.	.	.	.
.	.	.	.
.	.	.	.

FIG. 14

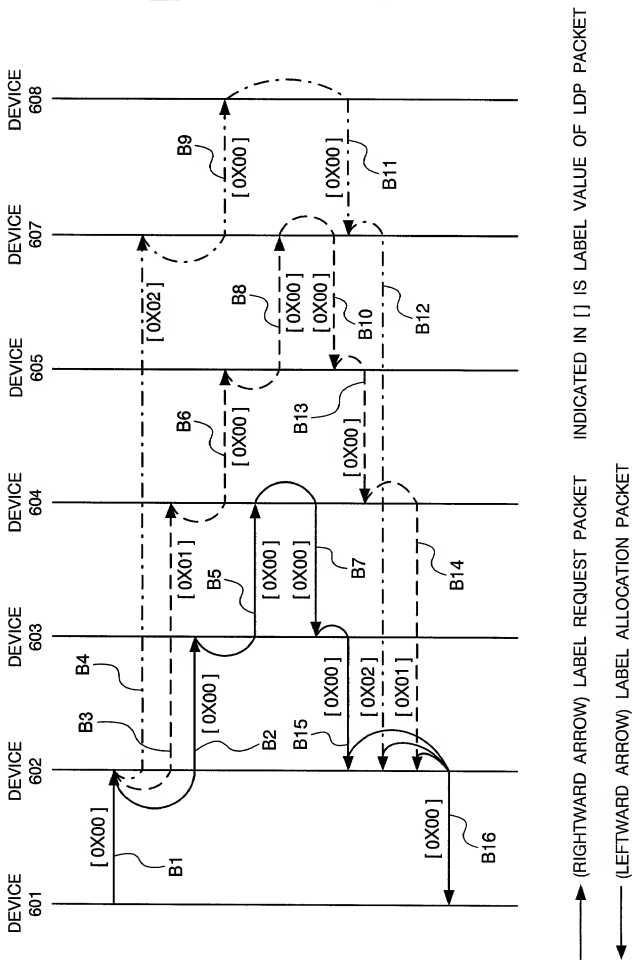


FIG. 15

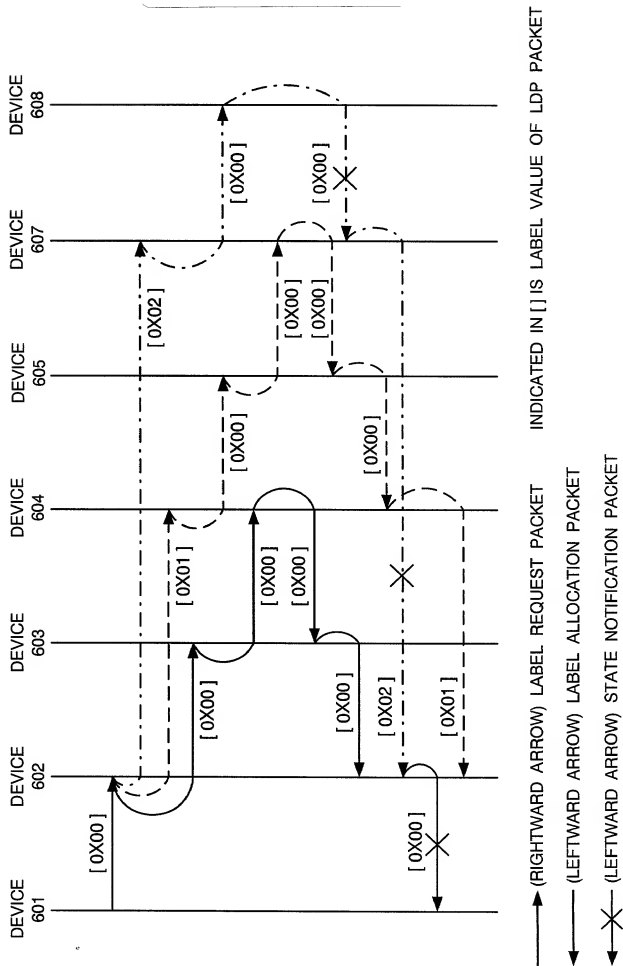


FIG. 16 (PRIOR ART)

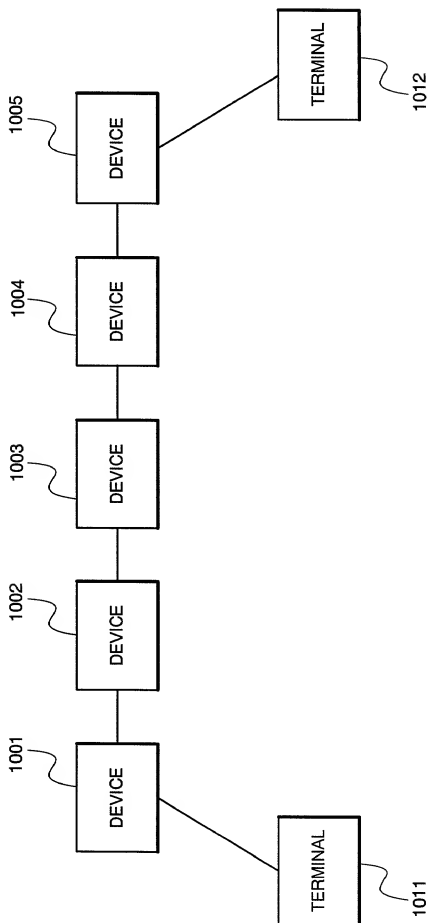
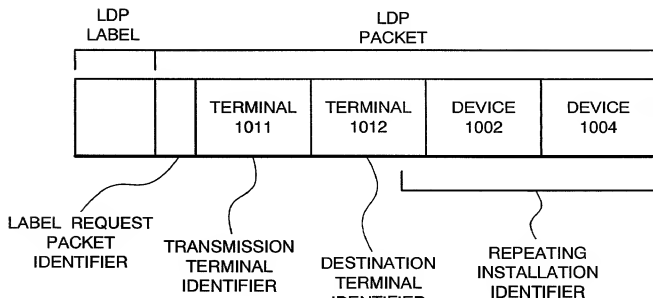
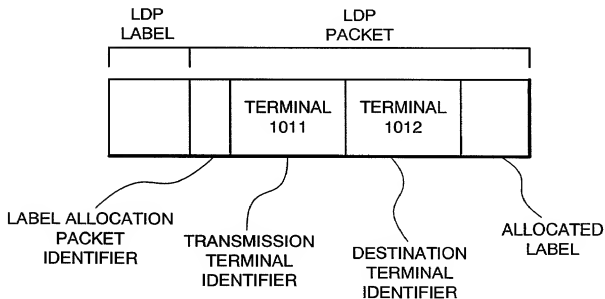


FIG. 17 (PRIOR ART)



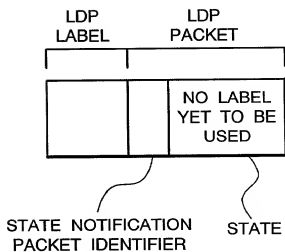
LABEL REQUEST PACKET OF DEVICE 1001

FIG. 18 (PRIOR ART)



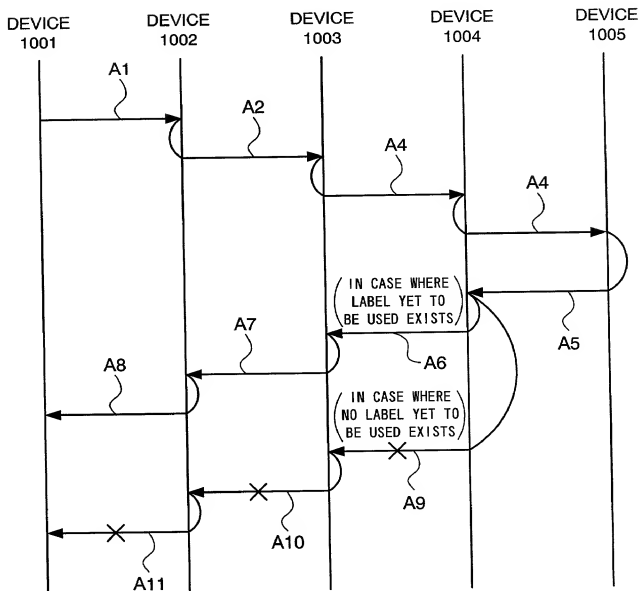
LABEL ALLOCATION PACKET OF DEVICE 1005

FIG. 19 (PRIOR ART)



STATE NOTIFICATION PACKET

FIG. 20 (PRIOR ART)



→ (RIGHTWARD ARROW) LABEL REQUEST PACKET

← (LEFTWARD ARROW) LABEL ALLOCATION PACKET

←X (LEFTWARD ARROW) STATE NOTIFICATION PACKET